

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-7. (Canceled)

8. (New) An apparatus for CRRT therapy of the type that uses a haemofiltration machine and which comprises:

a connecting structure to and from respective blood vessels of a patient;

a blood processor comprising a pump;

a substance supplier for adding drugs or other therapeutic substances to the blood being treated;

a liquid feeder to refill liquid into the blood;

blood filtration devices, cascade-connected to one another by respective conduits, said conduits and said connecting structure defining a blood path;

an oxygenating device comprising an oxygenating membrane and being located upstream from said blood filtration means and downstream from said blood processor so that the said oxygenating membrane of the oxygenating device operates without intake pressure along a portion upstream from the blood pump; and

wherein said pump serves to pump the blood downstream from the connecting structure to the oxygenating device at a flow rate of 280-300 ml/min.

9. The apparatus of claim 8, wherein the apparatus comprise only one pump for pumping the blood from and to respective blood vessels of a patient.

10. The apparatus of claim 8, wherein said oxygenating device comprises an oxygenating membrane, is connected to an oxygen tank, and has an outlet through which carbon dioxide is eliminated.

11. A method for the treatment of the blood in a Continuous Renal Replacement Therapy, using a machine comprising:

connecting conduits to respective blood vessels of a patient;
providing blood processing means comprising a pump;
adding drugs or other therapeutic substances to the blood being treated;
feeding refill liquid into the blood;
defining a blood path with blood filtration means, cascade-connected to one another by relative conduits;
passing blood to be treated passes through an oxygenating device which comprises an oxygenating membrane and is located upstream from said blood filtration means and downstream from said blood processing means, so that the blood is treated by said oxygenating membrane without intake pressure along the portion upstream from the blood pump; and
pumping blood downstream from the connecting means to the oxygenating device at a flow rate of 280-300 ml/min.

12. The method of claim 11, wherein the blood is pumped by a single pump, disposed upstream from said oxygenating device.